T-72 Modernization

Advanced modernization suites breathing new life into battle proven platforms

Elbit Systems™ Land

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Auxiliary Power Unit

The tank is equipped with the high-end fully automated and very reliable Auxiliary Power Unit – which creates a wide range of tactical advantages:

Silent mode operation	Significant reduction of noise and thermal signatures, enabling a silent mode operation of the tank
Increased power supply	Generation of required power for normal operation of all internal electrical consumers
Significant reduction of operational costs	Saving of fuel, lubricants and extension of main power Unit's operational life

VHF Radio

Modern VHF radio	Reliable communications at the tactical level and operation of C⁴I systems is facilitated by the modern VHF radio
Digital and analog voice and data	Supporting digital and analog voice as well as data transmission
Powerful COMSEC and ECCM	Powerful encryption and anti-jamming capabilities facilitate operation even in densely jammed environments

Digital Intercommunication system

Crew intercommunications and access to tactical radio networks	The digital intercommunications system provides communications between the crew members as well as access to external tactical radio networks.
Modern helmets and User friendly MMI	The system includes modern helmets and user-friendly terminal units

Laser Warning System – LWS

Detects and categorizes all known laser and IR illuminator threats aimed at the AFVs

Warning on laser threats:	Single pulse laser range finders, laser designators, beam riders
Main features:	Short reaction time Accurately detects, categorizes and pinpoints laser-guided threats, and integrates with a range of advanced countermeasures. High detection probability and low false-alarm rate.

More than 2000 modernized tanks worldwide

The modernized T-72 tank is fully capable of coping with the most challenging missions

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FCS – Fire Control System

Full integration with original systems	Compact and fully automated TISAS Fire Control System fully integrates with the T-72 turret and the original TPDK-1 sight-rangefinder
Thermal sighting and observation system	The system enables day and night observation, aiming and firing to extended ranges by using thermal technology
Digital ballistic calculations	High First Round Hit probability is attained through digital ballistic calculations

Battle Management System

Netcentric warfare support	Integration into the common information space under the netcentric paradigm is attained through equipping the tank with the modern Battle Management Systems
Common tactical picture generation	The system builds and maintains constantly updated common tactical pictures
Electronic combat documents, orders and reports	Fully automates combat planning and command & control procedures
Coordination in combined arms action	Facilitates coordination in combined arms action
Terrain analysis, LOS and route simulation	Enables route planning through terrain analysis, checking of LOS and virtual route reconnaissance

Driver's Night System based on thermal camera

The original night vision system based on image-intensifying technology is replaced by an advanced thermal imaging system

Increased range	Increased range performance
Day / night – limited visibility	Day and Night operation under limited visibility conditions
Covertness and safety	Increased safety – the new system is passive and covert and doesn't use an easy-to-spot illuminator